

We Claim:

1. A portable security lock for a hinged door, the door being latched to a door jamb by a bolt which projects into a keeper opening through a strike plate on the door jamb, the keeper having a vertical edge adjacent to the opening which vertical edge faces away from the opening direction of the door, the portable security lock comprising:

    a base plate having a first end and a second end, a hook portion disposed at the first end of the base plate and adapted enter the keeper opening through the strike plate and engage with the vertical edge;

    a web portion of the base plate having a length sufficient to protrude a selected distance beyond the door jamb and a closed door when the hook is engaged with the edge of the keeper;

    a pivot disposed at the second end of the base plate;

    a latching plate pivoted at a first end thereof on the pivot to rotate toward and away from the door when the portable security lock is mounted on the door jamb to allow the door to clear the portable security lock when the door is being closed;

    a locking foot at a second end of the latching plate, the locking foot adapted to engage the door when the door is closed upon the latching plate being pivoted toward the door;

    a slider mounted on the latching plate, the slider having a detent thereon for sliding into engagement with a locking surface of the base plate to lock the latch plate to the base plate and hold the locking foot on the latching plate in locking engagement with the door.

2. The portable security lock of claim 1 wherein the pivot extends vertically when the lock is installed in the keeper opening in the striker plate and wherein the slider is mounted to move toward the foot to engage the detent with the surface on the base plate.
3. The portable security lock of claim 2 wherein the latching plate has first and second surfaces with the first surface facing the base plate when the latching plate is pivoted over the base plate and wherein the latching plate has an aperture therethrough, the slider being mounted on the second surface with the detent on the slider projecting through the aperture to engage the locking surface on the base plate.
4. The portable security lock of claim 3 wherein the keeper on the base plate has an opening therethrough that receives the detent and allows a lip on the detent to engage the locking surface of the base plate.
5. The portable security lock of claim 4 wherein the pivot is a hinge having bearing portions which project away from the second surface of the base plate and which receive a pintle that secures the latching plate thereon at a position displaced from the door when the latching plate is pivoted away from the door.
6. The portable security lock of claim 5 wherein the latching plate has a bearing receiving pintle displaced away from the first side of the latching plate so that the latching plate rests against the base plate when pivoted thereover.

7. The portable security lock of claim 6 wherein the slider has a tab projecting therefrom in the same direction as the locking foot.

8. The portable security lock of claim 7 wherein the locking foot has a planar surface thereon for facing the door, the planar surface being covered by a resilient pad which abuts the door when the locking foot bares thereagainst.

9. The portable security lock of claim 1 wherein the locking foot has a planar surface thereon for facing the door, the planar surface being covered by a resilient pad which abuts the door when the locking foot bares thereagainst.

10. The portable security lock of claim 1 wherein the latching plate has first and second surfaces with the first surface facing the base plate when the latching plate is pivoted over the base plate and wherein the latching plate has an aperture therethrough, the slider being mounted on the second surface and the detent on the slider projecting through the aperture to engage the locking surface on the base plate.

11. The portable security lock of claim 1 wherein the pivot is a hinge having bearing portions which project away from the second surface of the base plate and which receive a pintle that secures the latching plate thereon at a position displaced from the door when the latching plate is pivoted away from the door.